Collaborative Approaches

Dorit Kaufman

Stony Brook University

**Summer Institute for
Mathematics & Science Teachers
Cyprus, June 2006**

Linking Diverse Perspectives

An important part of a teacher's work is to make connections with other people's ways of giving meaning to the same experience

(Duckworth, 1987, p.105)

Content-Based Instruction (CBI)
A Collaborative Project

The new CBI initiative

Reflection & Discussion

What is your vision for the project?

What are your expectations?

What are your concerns?

How can you contribute to its success?

Describe collaborative activities & support networks you would like to see?

Dorit Kaufman Cyprus 2006

Content-Based Instruction (CBI) Collaborative Development

- A shared vision for the project & goals
- Implementation plan
- Curriculum
- Assessment plan
- Support networks
- Extensive professional development
- A mentoring plan for teachers & students
- Resource center for shared materials

Formulating the Vision

- **Research** **Integrate knowledge gained from research & theory**

- **Partnership** **Collaborate across disciplines & create diverse communities of practice & support networks**

- **Reflection** **Engage in introspective evaluation for professional growth**

Developing A Shared Vision

- **Commitment to integrated language instruction**
- **Commitment to partnerships & collaborative projects**
- **Commitment to reflective practice & assessment**
- **Shared vision, goals, & expectations**
- **Establish collaborative committees**
- **Schedule time for shared planning**
- **Include language and content-area teachers**

Implementation Plan

- **Administrative support for implementation**
- **Intensive English preparation for teachers across subject areas and on-going mentoring**
- **Collaborative meetings for curriculum & lesson planning**
- **Language teachers - an important resource for language development across content areas**
- **Community resources & parents**

Curriculum Planning Process

- **Curriculum planning is on-going & collaborative**
- **Mathematics & science teachers contribute subject knowledge & standards (guidelines)**
- **Language teachers contribute ideas, plans, & activities for language development**
- **Include local museums & libraries & other resources**
- **Include experiential activities (field trips, hands-on)**

Assessment Plan

- **Assessment is on-going and covers all aspects of the project**

- **Data is used to inform of areas of strength & areas that need improvement**

- **Assessment outcomes lead to changes in curriculum planning & implementation plans**

- **Assessment areas include knowledge of content areas and language development**

- **Assessment is comprehensive & instruments are diverse & include: surveys, self assessment, class observations, students' projects**

Developing Collaborative Support Networks

- **Collaborative support networks are critical to CBI implementation & success**
- **Schedule time for collaborative activities**
- **Plan for professional development opportunities**
- **Include teachers, parents, supervisors, administrators**
- **Develop a peer mentoring plan for language & content-area teachers**
- **Develop a peer mentoring plan for students within & across grade levels**
- **Include parent, community resources, & professional associations**

Developing a CBI Resource Center

- **Center for shared curriculum materials**
- **Centrally located (e.g. combined with library)**
- **Shared by one or several schools**
- **Develop a plan for ways to contribute & use the Center**
- **Resource materials include: integrated lesson plans, thematic units, assessment materials, sample student projects, standards & guidelines**
- **WWW resources & materials in other media**

Content-Based Instruction (CBI)
A Collaborative Project

Collaborative Groups

What perspectives do you bring to the project?

Give examples for ways you can contribute to the success of the project

What collaborative activities are you interested in leading/participating in?

What support networks do you need?

What support networks could you contribute to?

Dorit Kaufman
Director
Professional Education Program
Stony Brook University
www.pep.sunysb.edu
Cyprus, June 2006